

# ReadySnap™

Revision 02/07/13  
480904 Ready Snap™ 4

# 4

Calibration Verification Solution

## Instruction Manual

**CAN BE USED WITH THE 638NM EXACT® MICRO PHOTOMETERS\* TO VERIFY INSTRUMENT OPERATION**

\*This includes models eXact® Micro 8, eXact® Micro 20, and eXact® Eco-Check.



**Industrial Test Systems, Inc.**

Innovators of Water Quality Testing

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The purpose of the ReadySnap™ 3 Calibration Verification Solution is to verify the working condition of your eXact® photometer and ensure correct testing procedure is followed. The ReadySnap™ 3 Calibration Verification Solution is ideal for regulators and inspectors who require a strict verification method. Each ampoule contains a colored liquid which simulates a predetermined analyte value. If your photometer is tested using this ReadySnap™ 3 Calibration Verification Solution and the generated results are within the acceptable range, as specified in your eXact® photometer manual, then calibration is verified. Please follow these important instructions.



**A**

**1.** Turn on the eXact® Micro Photometer. Select the Menu for the test method procedure you want to have verified (see *Table 1*).



**B**

**2.** Fill the CELL to capacity (4mL) with deionized or distilled water. Discard this water sample followed with a quick shake of the meter to empty the CELL of the remaining water drops. Repeat this rinsing process two more times with deionized or distilled water. Finally, refill the CELL to capacity (4mL) with deionized or distilled water.



**C**

**3.** Press the ZERO/ON button to zero the meter for the mode selected from *Table 1*. Discard this water sample followed with a quick shake of the meter to empty the CELL of the remaining water drops.



**D**

**4.** Break open one Ready Snap™ 4 Blue Calibration Verification Solution in a safe manner with a paper towel as shown (see *Images A and B*). NOTE: Do not break open at poolside or around children or pets. DO NOT CONSUME SOLUTION.

**5.** Take plastic pipette supplied, squeeze bulb with finger and thumb to expel air, and dip pipette tip to the bottom of ampoule and release squeezed bulb slowly to fill pipette (see *Image C*). Transfer filled pipette liquid to photometer CELL (see *Image D*).

**6.** Discard this first blue liquid sample followed with a quick shake of the meter to empty the CELL of the remaining colored water drops.

**7.** Repeat Step 5 and fill the CELL to 4mL capacity with the blue reference solution (see *image D*).

**8.** Press the READ button to start the 20 second countdown.

**9.** Verify the display value against the “Assigned Value” located in your eXact® photometer manual. If your value falls within the “Acceptable Value” range, your Photometer is functioning properly.

**10.** If your value is outside the “Acceptable Value” range, discard the blue solution in the CELL and refill as in Step 5. Then go to Step 8 and retest a fresh blue Calibration Verification Solution sample.

**If you continue failing to obtain the acceptable value, retry Step 1 to Step 9 or call (803) 329-9712 for technical support.**

**Table 1 – Meter MENU Selections for READY SNAP™ 4 Solution**

<b>eXact® Photometer</b>	<b>MENU selection for blue calibration solution testing</b>
Micro 8	FE2, NH3
Micro 20	NH3 <sub>2</sub> , NH4 <sub>4</sub> , FE3 <sub>1</sub> , FE2 <sub>2</sub> *
Eco-Check	NH4

R013013

\* Subscript indicates the Select Group value (1-4) for the Micro 20 photometer

## Reorder Information

PRODUCT	PART NO.	TESTS	USES
ReadySnap™ 1	480901	10	Method Verification Solution for TA, PH, PO4, CA, TH, CH, CY, CU, NO3, MN, AI, CR, F, SO4, PB, and TDS
ReadySnap™ 2	480902	10	Method Verification Solution for AS, FE, PO4, NH3, NO3, and MN
ReadySnap™ 3	480903	10	Calibration Verification Solution for eXact® Micro 7+, eXact® Micro 10, eXact® Micro 20, and eXact® Eco-Check
ReadySnap™ 4	480904	10	Calibration Verification Solution for eXact® Micro 8, eXact® Micro 20, and eXact® Eco-Check
ReadySnap™ 5	480905	10	<b>COMING SOON</b>
ReadySnap™ 6	480906	10	<b>COMING SOON</b>

## Contact Information

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